

EXISTING PANEL

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|------------------|--|--------------------------|--|-------------------|--|-----------|--|-------------------|--|---------------|--|-----------------|--|
| TYPE: SQ. D NEHB | | SERVICE: 277/480, 3Ø, 4W | | MOUNTING: SURFACE | | PANEL L9 | | MAIN BUS: 225 AMP | | NEUTRAL: FULL | | MANS: LUGS ONLY | |
| DEM. KVA | | OTHER KVA | | TRIP- POLE | | CON- DUIT | | WIRE | | REMARKS | | A.T.C. | |
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LIGHTING: 7.0 X 1.25 = 8.8 KVA
 NO-DEMAND LOAD: 63.0
 TOTAL DEMAND LOAD: 71.8 KVA = 88 AMPS

EXISTING PANEL

| TYPE: | SQ. D NEHB | MAIN BUS: 225 AMP | |
|-----------|-----------------|---------------------|----------|
| SERVICE: | 277/480, 3Ø, 4W | NEUTRAL: FULL | |
| MOUNTING: | SURFACE | MAINS: LUGS ONLY | |
| POLE(S): | 42 | A.T.C. - | |
| DEM. KVA | OTHER KVA | TRIP- POLE | DEM. KVA |
| | | 20-1 | 2.1 |
| 16.0 | 45-3 | - | |
| | | TRANSFORMER T92 | |
| | | SUITES 905 & 909 | |
| | | | |
| | | | |
| 9.3 | 20-3 | | |
| | | HP-1 SUITE 909 | |
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| 8.2 | 20-3 | | |
| | | HP-3 SUITE 905 | |
| | | | |
| 2.1 | 20-1 | | |
| | | LIGHTING SUITE 909 | |
| 1.8 | 20-1 | | |
| | | LIGHTING SUITE 905 | |
| 3.3 | 20-1 | | |
| | | EHF-2 SUITE 909 | |
| 2.1 | 15-1 | | |
| | | HP-4 SUITE 905 | |
| 6.0 | 30-1 | 1/2 10 | |
| | | INSTA-HOT SUITE 900 | |
| 2.8 | 20-1 | 1/2 12 | |
| | | LIGHTING SUITE 900 | |
| 2.7 | 20-1 | 1/2 12 | |
| | | EHF-2 SUITE 909 | |
| | | | |
| 8.2 | 20-3 | 1/2 12 | |
| | | HP-3 SUITE 900 | |
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| | | SPACE | |
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| | | SPACE | |
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| 6.7 | 55.8 | | |
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LIGHTING: 6.7 X 1.25 = 8.4 KVA
 NO-DEMAND LOAD: 57.9
 TOTAL DEMAND LOAD: 66.3 KVA = 80 AMPS

PANEL PF

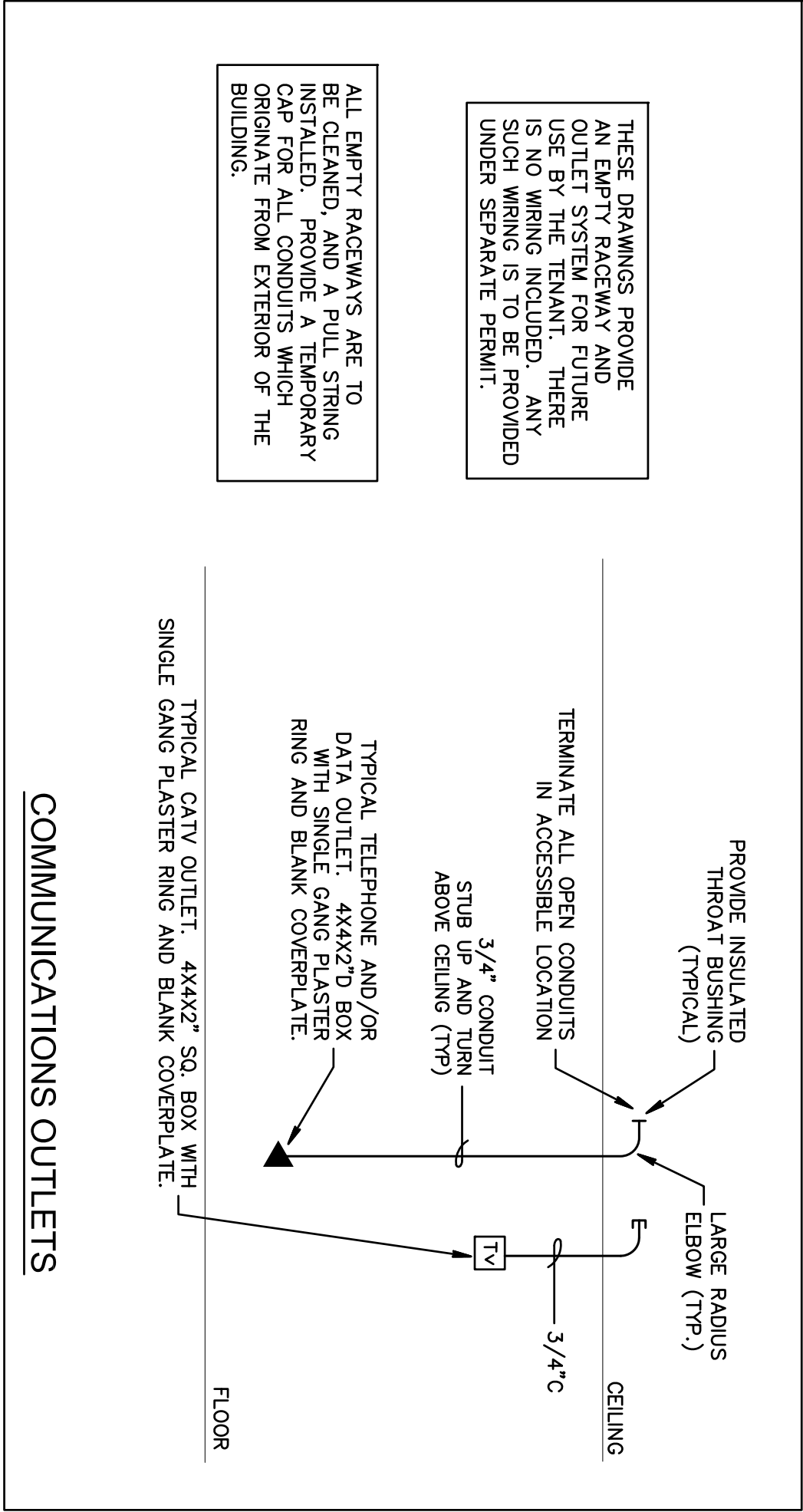
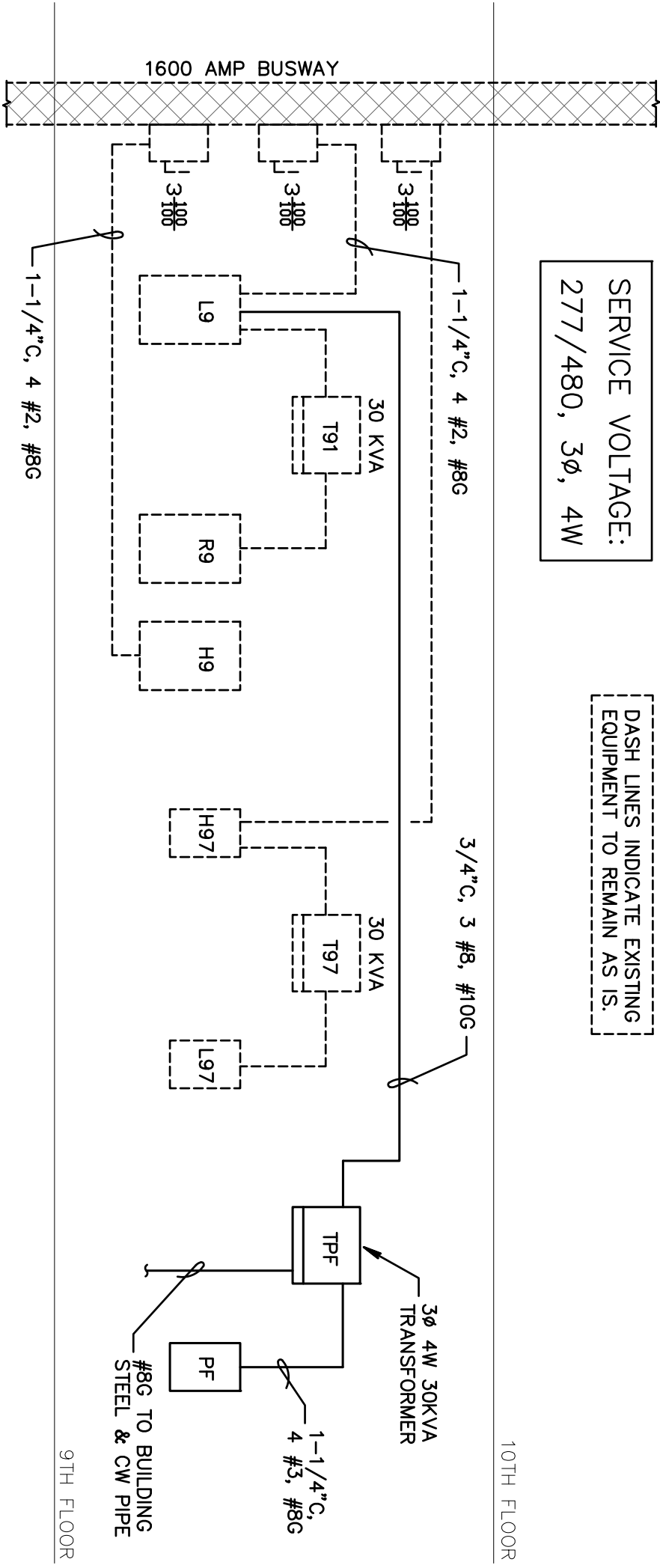
| TYPE: CUTLER HAMMER CH | | | | | | | | | | | | MAIN BUS: 100 AMP | |
|---------------------------------------|-----------|------------|-----------|--------------------|---------|----------|-------------|-------------|----------------|------------|-----------|---------------------|--|
| SERVICE: 120/208, 3Ø, 4W | | | | | | | | | | | | NEUTRAL: FULL | |
| MOUNTING: FLUSH | | | | | | | | | | | | MAINS: 100A BREAKER | |
| PANEL PF | | | | | | | | | | | | A.I.C. 10K | |
| DEM. KVA | OTHER KVA | TRIP- POLE | CON- DUIT | WIRE | REMARKS | CKT. NO. | CKT. NO. | REMARKS | WIRE CON- DUIT | TRIP- POLE | OTHER KVA | DEM. KVA | |
| 0.4 | 20-1 | 1/2 | 12 | TELEPHONE BOARD | 1 | 2 | RECEPTACLES | 101,102,103 | 12 | 1/2 | 20-1 | 0.9 | |
| 0.7 | | | | REFRIGERATOR | 3 | 4 | | 100,101 | | | | 0.9 | |
| 1.5 | | | | APPLANCE CKT. | 5 | 6 | | 101-104 | | | | 0.9 | |
| 1.5 | | | | DISHWASHER | 7 | 8 | | 100,102,105 | | | | 0.9 | |
| 0.2 | | | | APPLANCE CKT. | 9 | 10 | | | | | | 0.7 | |
| | | | | DAMPER MOTORS | 11 | 12 | | 106,107,108 | | | | 0.9 | |
| 0.8 | | | | LIGHTING CONF. RM. | 13 | 14 | | 106,107 | | | | 0.9 | |
| 0.8 | | | | LIGHTING RECEPTION | 15 | 16 | | 108 | | | | 0.9 | |
| 0.4 | | | | LIGHTING CORRIDOR | 17 | 18 | | 102,108 | | | | 0.9 | |
| | | | | SPARE | 19 | 20 | SPACE | | | | | | |
| | | | | SPARE | 21 | 22 | | | | | | | |
| | | | | SPARE | 23 | 24 | | | | | | | |
| | | | | SPACE | 25 | 26 | | | | | | | |
| | | | | | 27 | 28 | | | | | | | |
| | | | | | 29 | 30 | | | | | | | |
| | | | | | 31 | 32 | | | | | | | |
| | | | | | 33 | 34 | | | | | | | |
| | | | | | 35 | 36 | | | | | | | |
| | | | | | 37 | 38 | | | | | | | |
| | | | | | 39 | 40 | | | | | | | |
| | | | | | 41 | 42 | | | | | | | |
| 2.0 | 5.8 | | | | | | | | | | | 7.9 | |
| LIGHTING: 2.0 X 1.25 = 2.5 KVA | | | | | | | | | | | | | |
| NO-DEMAND LOAD: 13.7 | | | | | | | | | | | | | |
| TOTAL DEMAND LOAD: 16.2 KVA = 45 AMPS | | | | | | | | | | | | | |

LIGHTING: 2.0 X 1.25 = 2.5 KVA
 NO-DEMAND LOAD: 13.7
 TOTAL DEMAND LOAD: 16.2 KVA = 45 AMPS

PANEL SCHEDULES KEYNOTES

- EXISTING CIRCUIT TO REMAIN AS IS.
- EXISTING CIRCUIT PROVIDED UNDER SEPARATE PERMIT FOR OTHER SUITES.
- PROVIDE NEW CIRCUIT BREAKER, MATCH EXISTING BREAKERS

PARTIAL RISER DIAGRAM - PROPOSED



Bd

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PROJ. # 12-028

PFS ADVISORS

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PROJECT NUMBER CP33

REVISIONS

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